



**Rural District Council of
Cockermouth**



ANNUAL REPORT

of the

Medical Officer of Health

and the

Public Health Inspector

for the year

1972



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**To the Chairman and Members of the
Cockermouth Rural District Council.**

Mr. Chairman, Ladies and Gentlemen,

I have the honour to give my seventh annual report to the Cockermouth Rural District Council.

My appointment is a combined one, held also with the Cockermouth, Keswick and Maryport Urban Districts, and Workington Borough — thus covering the whole central and western part of the county, for whose Council I act also as the Western Area Medical Officer.

This report is prepared on the lines indicated in the Department of Health and Social Security Circular 1/72. The vital statistics are presented in detail in the report — they speak for themselves, requiring no further comment here.

I am pleased to say that at last we have a public convenience at Quay Foot — after 12 years of struggle.

In my report for 1970 I stressed the importance of ensuring that piecemeal building throughout the district should be watched carefully and closely correlated with the load capacity of local sewage treatment plants. I note that the situation is getting steadily worse — a situation which has been repeatedly brought to your attention by your officers — and still there has been no real action. The time for talk is long past — the time for action long overdue. Your officers are frustrated and your rivers are polluted.

In the field of public health constant vigilance and surveillance will be essential if we are going to ensure even a moderate standard of hygiene in what is already and will be

increasingly one of the most popular and therefore one of the most congested tourist traps in this country. We are not a clean nation — we are a filthy nation — and unless great care is exercised one day we could have a catastrophe. We need more public health inspectors, more public toilets, and much better sewage treatment and disposal.

I would like to express my thanks to the Members of the Council and to the Council staff, especially members of the Health Department, for their help and encouragement during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

ANTONY HARGREAVES.

STAFF OF THE HEALTH DEPARTMENT

Medical Officer of Health:

A. HARGREAVES, M.B., Ch.B., D.P.H.

Senior Public Health Inspector:

R. E. DUNN, C.R.S.I.

Certificates held:

Royal Sanitary Institute as

- (a) Public Health Inspector.
- (b) Inspector of Meats and other Foods.

Additional Public Health Inspector:

W. P. WALTON, C.R.S.A.S.

Certificates held:

Royal Sanitary Association of Scotland as

- (a) Public Health Inspector.
- (b) Inspector of Meats and other Foods.

Chief Clerk:

J. D. HINDE.

DESCRIPTION OF AREA

Registrar-General's estimate of resident population (mid-1972)	20,450
Number of inhabited houses according to rate book ...	7,511
Rateable value at 31st December, 1972	£776,048
Product of a Penny Rate (1-4-72—31-3-73)	£7,384

The Cockermouth Rural District covers an area of 161,312 acres or approximately 250 square miles. 4,700 acres of the district are covered by inland water.

The rural area covers the north west portion of the Lake District of Cumberland and is bounded on the north by Wigton Rural District, on the east by Penrith Rural District, on the south-west by Ennerdale Rural District and touches the County boundary at Dunmail Raise to the south.

The Borough of Workington adjoins the west and the Urban Districts at Maryport, Cockermouth and Keswick are surrounded by the Rural Area.

There are 32 parishes.

Generally speaking the eastern part of the district is mountainous and forms part of the Lake District National Park. Sheep farming is predominant and catering for holidaymakers forms a large local industry.

In the west of the district lies what was a coal mining area, and the villages there are more industrial in character. Various industries near the coast give employment to people in these villages. There is also a considerable amount of dairy farming and much good arable land forms the edge of the Solway Plain in the Crosby and Oughterside areas.

There are two short lengths of coastline between Workington and Maryport and between Maryport and the boundary of Wigton Rural District, the latter stretch being much used in summer by holidaymakers.

SECTION A

STATISTICAL SUMMARY

Area of Rural District	252.05 square miles
Population (R.G's. estimate — mid 1972)	20,450
Density of population per square mile	81
Area Comparability Factors	Births 1.08, Deaths 1.03

BIRTHS:

Live Births

	Males	Females	Total
Legitimate	131	118	249
Illegitimate	14	6	20
Total	145	124	269
Rate per 1,000 population			13.2
Corrected rate			14.3
Illegitimate live births as % of total live births			7.4

Still Births

	Males	Females	Total
Legitimate	1	2	3
Illegitimate	—	—	—
Total	1	2	3
Rate per 1,000 live and still births			11.0

DEATHS:

Infant Deaths (deaths under 1 year)

	Males	Females	Total
Legitimate	4	1	5
Illegitimate	—	—	—
Total	4	1	5
Infant mortality rate per 1,000 live births			18.6
Legitimate infant deaths per 1,000 legitimate live births			20.0
Illegitimate infant deaths per 1,000 illegitimate live births			—
Neo-natal mortality rate (deaths under 4 weeks per 1,000 live births)			14.9
Early Neo-natal mortality rate (deaths under 1 week per 1,000 live births)			14.9
Peri-natal mortality rate (stillbirths plus deaths under 1 week per 1,000 live and stillbirths)			25.7

Maternal Mortality (including abortion)	Nil		
	Males	Females	Total
Deaths at all ages ...	154	121	275
Death rate per 1,000 population			13.4
Death rate per 1,000 population (corrected)			13.8
Deaths from certain causes:			
	Males	Females	Total
Notifiable diseases ...	—	—	—
Cancer of the lung ...	11	1	12
Cancer of the uterus		1	1
Leukaemia	2	—	2
Motor vehic. accidents	4	1	5
Accidents in the home	3	1	4

Comparison of death rates with previous years:

Year	Males	Females	Total	Rate per 1,000 population uncorrected	Rate per 1,000 population corrected
1968	130	118	248	11.7	12.8
1969	115	123	238	11.2	12.3
1970	119	124	243	11.6	12.6
1971	135	117	252	12.3	13.4
1972	154	121	275	13.4	13.8

TABLE OF COMPARATIVE RATES (uncorrected)

BIRTH RATE:

	1968	1969	1970	1971	1972
England and Wales	16.9	16.2	16.0	16.0	14.8
County of Cumberland ...	15.1	15.2	14.6	15.1	13.8
Rural Dists. of Cumb.	14.6	15.1	14.1	14.6	13.8
Cockermouth Rural	13.8	14.2	13.4	13.1	13.2

DEATH RATE:

	1968	1969	1970	1971	1972
England and Wales	11.9	11.9	11.7	11.6	12.1
County of Cumberland ...	12.4	12.2	12.2	12.5	13.1
Rural Dists. of Cumb. ...	12.1	12.0	12.1	12.6	13.3
Cockermouth Rural	11.7	11.2	11.6	12.3	13.4

INFANTILE MORTALITY:

	1968	1969	1970	1971	1972
England and Wales	18.0	18.0	18.0	18.0	17.0
County of Cumberland ...	19.4	18.8	18.2	19.6	14.5
Rural Dists. of Cumb.	21.4	21.7	20.8	24.2	16.2
Cockermouth Rural	24.0	20.0	14.2	18.6	18.6

The full tables of vital statistics are set out on the pages following.

LIVE BIRTHS

Year	M	Legitimate		M	Illegitimate		Grand Total	Rate per	Rate per
		F	Total		F	Total		1,000 p'lution unc'ted	1,000 p'lution corrected
1968	142	129	271	8	13	21	292	13.8	14.1
1969	140	140	280	12	8	20	300	14.2	14.5
1970	140	121	261	10	10	20	281	13.4	13.7
1971	120	134	254	7	8	15	269	13.1	13.4
1972	131	118	249	14	6	20	269	13.2	14.3

INFANT

Year	Infant Deaths (under 1 year)						Infantile Mortality Rate		Neo-Natal Mortality Rate	
	Legitimate			Illegitimate			per 1,000 live births	per 1,000 legit. births	per 1,000 Illegit. births	Deaths-0-4 weeks per 1,000 live births
	M	F	Total	M	F	Total				
1968	3	3	6	1	—	1	24.0	25.8	47.6	20.5
1969	2	3	5	1	—	1	20.0	17.9	50.0	13.3
1970	3	1	4	—	—	—	14.2	15.3	—	10.7
1971	3	2	5	—	—	—	18.6	19.7	—	11.2
1972	4	1	5	—	—	—	18.6	20.0	—	14.9

STILL BIRTHS

Legitimate			Illegitimate			Grand	Rate per	Rate per	Total
M	F	Total	M	F	Total	Total	1,000 of population	1,000 live and still births	Births
2	—	2	—	—	—	2	0.09	7	299
3	2	5	—	—	—	5	0.24	16.4	305
3	—	3	—	1	1	4	0.19	14.0	285
—	2	2	—	—	—	2	0.10	7.5	271
1	2	3	—	—	—	3	0.15	11.0	272

DEATHS

Early Neo-Natal Mortality Rate	Peri-Natal Mortality Rate	Illegitimate births as a percentage of all live births	MATERNAL DEATHS		
Deaths 0-1 wk per 1,000 live births	Stillbirths plus deaths 0-1 wk. per 1,000 live and stillbirths		Excluding Abortion	Including Abortion	Rate per 1,000 total births
20.5	27.0	7.2	—	—	—
6.7	23.0	6.7	—	—	—
10.7	24.6	7.1	—	—	—
11.2	18.5	5.6	—	—	—
14.9	25.7	7.4	—	—	—

CAUSES OF DEATH

	Total all ages	
	m	f
B4 Enteritis and other Diarrhoeal Diseases	—	—
B5 Tuberculosis of Respiratory System	—	—
B6(1) Late effects of Respiratory T.B.	—	—
B6(2) Other Tuberculosis	—	—
B11 Meningococcal Infection	—	—
B14 Measles	—	—
B18 Other Infective and Parasitic Diseases	—	—
B19(1) Malignant Neoplasm, Buccal Cavity, etc.	—	—
B19(2) Malignant Neoplasm, Oesophagus	—	1
B19(3) Malignant Neoplasm, Stomach	5	2
B19(4) Malignant Neoplasm, Intestine	3	4
B19(5) Malignant Neoplasm, Larynx	—	—
B19(6) Malignant Neoplasm, Lung, Bronchus	11	1
B19(7) Malignant Neoplasm, Breast	n/a	3
B19(8) Malignant Neoplasm, Uterus	n/a	1
B19(9) Malignant Neoplasm, Prostate	—	n/a
B19(10) Leukaemia	2	—
B19 (11) Other Malignant Neoplasms	7	7
B20 Benign and Unspecified Neoplasms	—	—
B21 Diabetes Mellitus	2	3
B22 Avitaminoses, etc.	—	—
B46(1) Other Endocrine, etc., Diseases	—	1
B23 Anaemias	1	—
B46(2) Other Diseases of Blood, etc.	—	—
B46(3) Mental Disorders	—	—
B24 Meningitis	—	—
B46(4) Multiple Sclerosis	—	—
B46(5) Other Diseases of Nervous System	2	4
B26 Chronic Rheumatic Heart Disease	1	1
B27 Hypertensive Disease	—	—
B28 Ischaemic Heart Disease	56	40
B29 Other forms of Heart Disease	4	7
B30 Cerebrovascular Disease	24	15
B46(6) Other Diseases of Circulatory System	6	8
B31 Influenza	—	2
B32 Pneumonia	8	7
B33(1) Bronchitis and Emphysema	5	3
B33(2) Asthma	—	—
B46(7) Other Diseases of Respiratory System	3	—
B34 Peptic Ulcer	2	—
B35 Appendicitis	—	1
B36 Intestinal Obstruction and Hernia	—	—
B37 Cirrhosis of Liver	—	—
B46(8) Other Diseases of Digestive System	—	—
B38 Nephritis and Nephrosis	—	—
B39 Hyperplasia of Prostate	—	n/a
B46(9) Other Diseases, Genito-Urinary System	1	3
B46(10) Diseases of Skin, Subcutaneous Tissue	—	1
B46(11) Diseases of Musculo-Skeletal System	—	—
B42 Congenital Anomalies	2	3
B43 Birth Injury, Difficult Labour, etc.	1	—
B44 Other Causes of Perinatal Mortality	1	—
B45 Symptoms and Ill Defined Conditions	—	—
BE47 Motor Vehicle Accidents	4	1
BE48 All Other Accidents	3	1
BE49 Suicide and Self-Inflicted Injuries	—	1
BE50 All Other External Causes	—	—

INFANTILE MORTALITY

Deaths under 1 year of age showing causes

Cause of Death	under 1 week	1—2 weeks	3—4 weeks	Total under 4 weeks	1— 3 months	3— 6 months	6— 9 months	9—12 months	Total under 1 year
Prematurity	—	—	—	—	—	—	—	—	—
Congenital anomalies	4	—	—	4	—	—	—	—	5
Totals	4	—	—	4	—	—	—	—	5

SENILE DEATH RATE

Age at death	Males	Females	Total
65— 74	51	28	79
75 and over	50	67	117
Totals ...	101	95	196

The Senile Death Rate is 71% of total deaths.
(1971—70%).

DEATHS FROM CANCER

CANCER DEATH RATE: 2.3 per 1,000 population
(1971: 2.25 per 1,000 population)
Approximately 1 death in 5 was due to cancer.

SECTION B

GENERAL PROVISION OF HEALTH SERVICES

(a) **Staff**

The appointment of Dr. A. Hargreaves as Medical Officer of Health for the area commenced on the 1st September, 1966.

(b) **Laboratory Services**

All microbiological work is carried out in the Carlisle Laboratory of the Public Health Laboratory Service. I am most grateful to Dr. D. G. Davies, the Director of the Laboratory, for his help during the year.

(c) **Local Health Authority Services**

Medical services provided under Part III of the National Health Service Act are the responsibility of the Cumberland County Council. Information about these services, including Immunisation Services, a scheme for the screening of women for the prevention of cancer of the neck of the womb (cervical cytology), and assistance and advice in connection with Family Planning, may be obtained from the Area Health Office, Fieldside, Elizabeth Street, Workington.

Home Nursing and Maternity Services are now an integral part of the Family Doctor Service, together with the Health Visiting Service, and enquiries should accordingly be addressed to the appropriate Family Practice surgery.

The local clinics are at Harford House, Cockermouth, and at Bank Street, Keswick. The services are as follows:—

	Cockermouth	Keswick
D'pment Clinic	By appointment	By appointment
School Clinic	By appointment	By appointment
Dental Clinic	By appointment	By appointment
Speech Therapy	By appointment	By appointment

The services include specialist advice on the assessment and correction of vision and hearing defects.

Immunisation procedures are carried out at the surgeries of the family doctors by appointment, all births in the county (and details of incoming children) being stored in the memory banks of a computer and the appointment automatically sent out directly to the parents on each occasion at the appropriate time: also at schools by special arrangement.

(d) **National Assistance Acts**

No enforcement action was taken during the year to secure proper care and attention for the elderly and chronic sick.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

A report by the Chief Public Health Inspector on the work of the year will be found immediately following this report.

SECTION D

PREVALENCE OF, AND CONTROL OVER COMMUNICABLE AND OTHER NOTIFIABLE DISEASES

The total number of communicable diseases notified in 1972 was 73 (72 in 1971). Of these 52 were measles.

Details are given on the next page.

CASES ON THE TUBERCULOSIS REGISTER:

	Males	Females	Total
Pulmonary	55	45	100
Non-pulmonary ...	9	13	22
Total	64	58	122

INFECTIOUS DISEASE NOTIFICATIONS— AGE AND SEX

	Age Distribution												
	Total Cases	M	F	Rate per 1,000 pop.	under 1	1— 2 yrs.	3— 4 yrs.	5— 9 yrs.	10— 14 yrs.	15— 24 yrs.	25— 44 yrs.	45— 64 yrs.	over 65
Scarlet Fever	4	2	2	.20	—	—	—	2	2	—	—	—	—
Whooping Cough	1	—	1	.05	—	—	—	1	—	—	—	—	—
Paralytic Poliomyelitis	—												
Non-paralytic Poliomyelitis	—												
Measles	52	27	25	2.5	3	6	9	34	—	—	—	—	—
Diphtheria	—												
Acute Pneumonia	—												
Dysentery	—												
Smallpox	—												
Infective Encephalitis	—												
Post-infectious Encephalitis	—												
Enteric or Typhoid Fever	—												
Paratyphoid Fever	—												
Erysipelas	—												
Meningococcal infection	—												
Puerperal Pyrexia	—												
Food Poisoning	1	1	—	.05	—	—	—	—	—	—	—	1	—
Ophthalmia neonatorum	—												
Respiratory Tuberculosis	4	1	3	.20	—	—	—	—	—	1	2	1	—
Tuberculosis of C.N.S.	—												
Other forms of Tuberculosis		—	—	—	—	—	—	—	—	—	—	—	—
Infective Jaundice	11	5	6	.54	—	—	1	2	4	—	1	3	—
TOTALS	73	36	37	3.6	3	6	10	39	6	1	3	5	—

Measles

According to the current schedule of vaccination and immunisation procedures measles vaccination is recommended at 15 months of age. During 1972, 2,865 children were protected compared with 2,814 in the previous year. 93% of these children received their appointments through the computer call-up system.

During the year the possibility was raised of offering measles vaccination to 12 year old children in addition to the school entrants who have not already been vaccinated or have no natural immunity. In order to assess the need for such action it was agreed to conduct a pilot survey in the Cockermouth area of the county. Results showed that only 8% of the 12 year olds were at hazard and, therefore, it was decided to take no further action regarding vaccinating this age group on a country-wide basis.

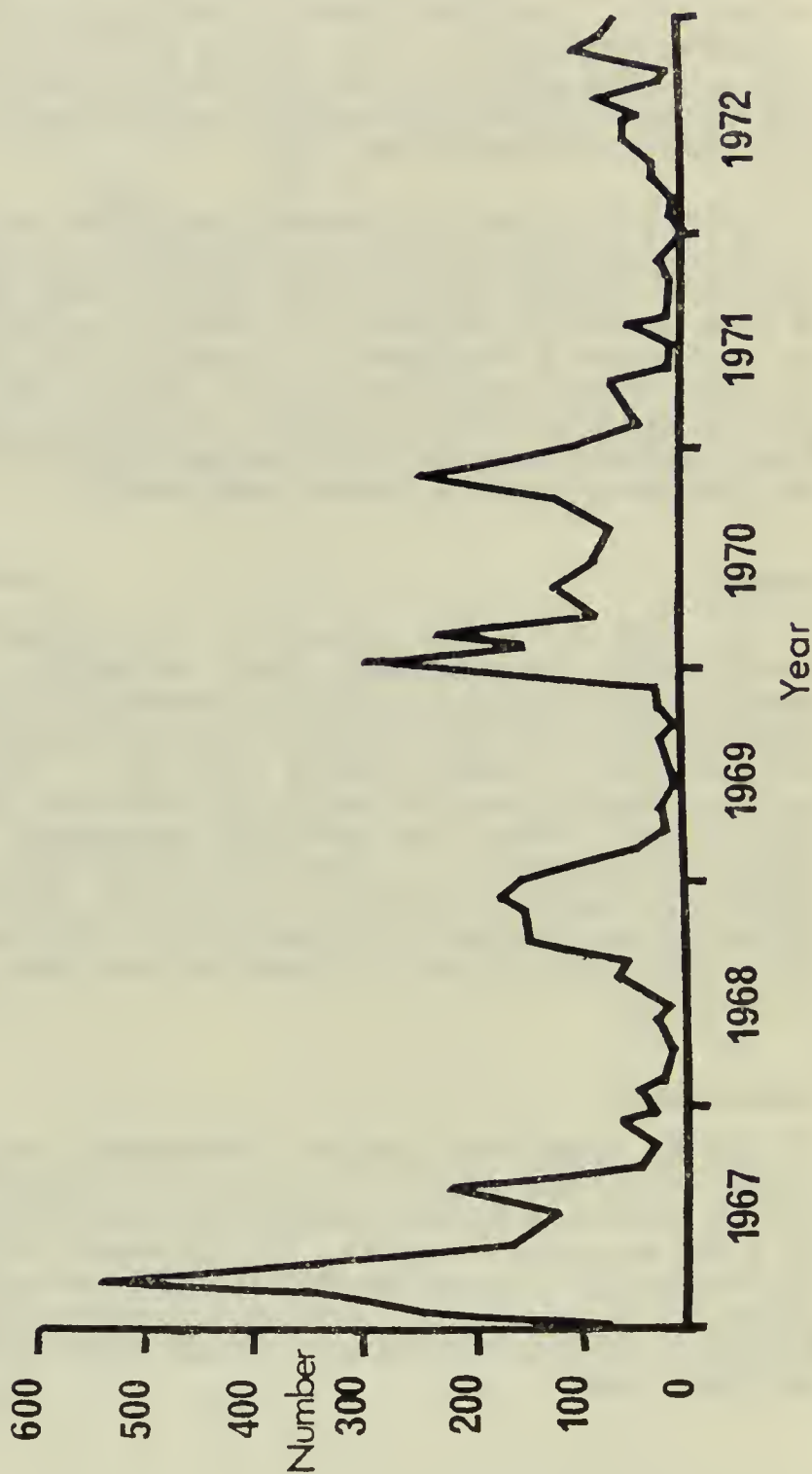
Rubella

In 1970 the Joint Committee on Vaccination and Immunisation recommended that vaccination against rubella should be offered to all girls between their 11th and 14th birthdays, but that initially priority should be given to older girls, i.e. those in their 14th year. Supplies of vaccine, however, were not readily available until the beginning of 1971, when this authority commenced its programme of vaccination. During 1972, 2,378 girls received rubella vaccination — 144 more than in 1971. By vaccinating double year groups it is hoped that by 1974 the age at which rubella vaccination is offered will have been lowered to 11 years.

Tuberculosis

B.C.G. vaccination against tuberculosis was again offered during the year to 11-12 year old children. 3,915 children received a preliminary skin test and of these, 381, i.e. 9.7%, were found positive. The remainder who represent the majority susceptible to tuberculosis infection were offered B.C.G. vaccination, a total of 3,159 being, in fact, so protected. Twelve children were already under the care of the chest clinic.

Measles Notifications — Cumberland
Four-weekly Periods



VACCINATION AND IMMUNIZATION

As a result of the computer programming of vaccination and immunization it is now no longer possible to give you a statistical breakdown for the district area, the figures being arranged according to family Doctor practices. I am, therefore, obliged to the County Medical Officer for his report on the situation in the County as a whole.

Arrangements for the call-up of children for vaccination and immunization through the County Council's computer scheme continued satisfactorily throughout the year.

With the annual publication of the Community Health Immunisation and Vaccination Statistics by the Department of Health and Social Security concern was expressed by this authority that no account was taken of migration between authorities. Consequently, considerably lower results were being recorded for the county than was actually the case. It was stated that in the administrative county of Cumberland only 84% of those children born in 1969 were fully protected at the end of 1971. Computer records, on the other hand, confirmed that in fact 91% of those children born in Cumberland during the year were fully protected. It is hoped, however, that it will be possible to cope more efficiently with the problem of migration after 1974 on the basis of the new enlarged administrative areas.

As forecast in last year's report, it is now possible to confirm that the proportion of children born in 1970 who are at present fully protected according to the vaccination schedule set out below stands at 91%.

Schedule of Vaccination and Immunisation Procedures

6 months	Diph./Tet./Pert. and Oral Polio.
8 months	Diph./Tet./Pert. and Oral Polio.
15 months	Diph./Tet./Pert. and Oral Polio.
15 months	Measles.
4 years 6 months	Diph./Tet. and Oral Polio.

Diphtheria, Tetanus, Pertussis and Poliomyelitis

I show below the tables which have annually been shown of the actual numbers of protective procedures undertaken during 1972, the figures in brackets relating to 1971:—

Diphtheria Immunisation

The numbers of children immunised during the year were as follows:—

Primary Courses — pre-school children ...	3,048	(2,597)
Primary Courses — school children ...	287	(192)
Reinforcing injections—pre-school children	—	(57)
Reinforcing injections — school children ...	2,628	(2,678)

Tetanus Immunisation

During 1972 the following numbers of children were immunised:—

Primary Courses — pre-school children ...	3,048	(2,598)
Primary Courses — school children ...	316	(204)
Reinforcing injections—pre-school children	—	(67)
Reinforcing injections — school children ...	4,167	(3,304)

Whooping Cough Immunisation

The numbers of children immunised during the year were as follows:—

Primary Courses — pre-school children ...	3,048	(2,590)
Primary Courses — school children ...	18	(33)
Reinforcing injections—pre-school children	—	(46)
Reinforcing injections — school children ...	110	(333)

Poliomyelitis Vaccination

Primary Courses — pre-school children ...	3,075	(2,644)
Primary Courses — school children ...	332	(274)
Reinforcing injections—pre-school children	—	(26)
Reinforcing injections — school children ...	3,503	(3,121)

The increase in the numbers of children completing a primary course of vaccination and immunisation before starting school is most gratifying. No pre-school children were required to have a reinforcing injection.

RAINFALL, IN INCHES, IN VARIOUS PARTS OF THE DISTRICT DURING 1972

Observation Station:	Dale Head Hall, Thirlmere	Stainburn	Holmewood, Cockermouth
Observer:	R. L. Harrison, Esq., Eng. to Manchester Corporation Waterworks	West Cumb. Water Board	Public Health Department C.R.D.C.
Height of gauge above sea-level:	620'	300'	300'
January	12.8	3.6	2.24
February	6.4	2.6	1.46
March	5.3	3.3	2.76
April	8.6	4.9	3.00
May	9.4	2.8	2.08
June	7.8	6.1	5.51
July	4.6	3.3	3.55
August	4.2	1.7	1.77
September	1.4	0.7	0.90
October	3.7	1.7	1.04
November	14.6	5.4	6.11
December	10.1	4.7	3.75
Totals	88.9	40.8	34.16

AIR POLLUTION TESTING

The "control" air pollution testing station at Dean Moor continues to be operated by this department on behalf of the Department of the Environment.

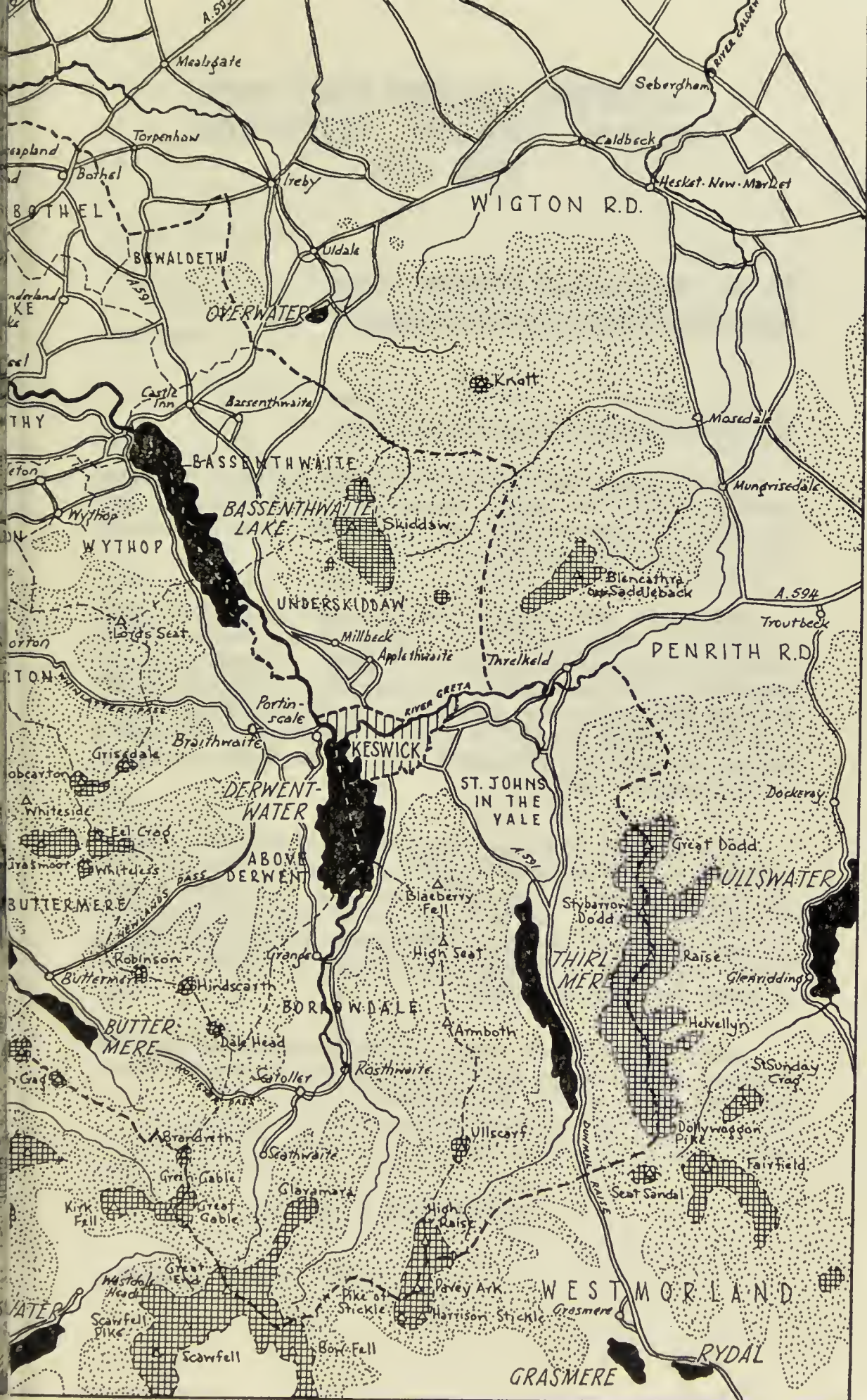
In connection with this testing a weather recording station is operated at Holmewood, Cockermouth, and in this connection I should like to thank Mr. G. Bell, the office caretaker, who has volunteered to take the necessary readings at weekends and holidays.

COCKERMOUTH RURAL DISTRICT



 Land over 1000'

 Land over 2250'



ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR FOR 1972

**To the Chairman and Members of the
Cockermouth Rural District Council.**

Mr. Chairman, Ladies and Gentlemen,

The belated presentation of this, my nineteenth Annual Report, reflects to some extent the extra pressure and uncertainties occasioned by the proposals for the re-organisation of Local Government.

Although the proposals do not come into effect until April, 1974, re-appraisal of existing and possible future practices has been an activity of 1972. Indeed, it is my belief that this new look at the varying practices of neighbouring authorities and an attempt to find the best of each will be of great benefit to Local Government, although I do not subscribe to the belief that larger units are necessarily the most efficient .

The Annual Report, at least in its present form, seems destined to wither away in 1974. Whether the time and expense involved in its production has ever been worthwhile, is debatable, but looking back at earlier Reports and comparing statistics and achievements in the intervening years engenders a certain satisfaction in those involved. A great deal has been done.

May I express yet again my appreciation of the harmonious relationships that have persisted between Councilors and Staff of this Rural District.

ROWLAND E. DUNN,

Public Health Inspector.

HOUSING 1972

NEW BUILDING

The following table shows the houses built in each post-war year:—

Year	Privately	Council	Year	Privately	Council
1946	17	30	1960	102	21
1947	24	108	1961	113	68
1948	16	154	1962	86	11
1949	11	88	1963	83	97
1950	5	110	1964	63	27
1951	20	54	1965	42	9
1952	20	64	1966	43	20
1953	19	70	1967	47	10
1954	35	82	1968	49	—
1955	26	74	1969	35	28
1956	20	18	1970	44	42
1957	30	30	1971	78	4
1958	26	56	1972	122	5
1959	79	43			

In addition to the five new lettings, 49 families were rehoused as a result of casual vacancies, and 6 exchanges were approved.

The following is a list of building schemes in hand at the year end:—

DEARHAM

5 houses were completed at Dearham, the remaining 15 houses and 11 bungalows are nearly finished.

SEATON

26 houses and 9 bungalows are nearing completion at Seaton.

LITTLE CLIFTON

16 houses are nearing completion at Little Clifton.

CHAPEL BROW

When the present occupants of Chapel Brow (old houses) are rehoused at Little Clifton, plans and tender documents are ready for 7 bungalows to be built there.

BORROWDALE

Tenders have been received for the erection of 6 dwellings, but progress is held up by legal difficulties over the conveyance of the land.

LITTLE BROUGHTON

A site for 19 dwellings (an extension of Kirklea) has been bought by the N.E.H.A. and preliminary plans prepared for development. It is not intended to proceed with this site immediately.

GREAT BROUGHTON

Layout plans for the Moor Road site have been prepared, but not yet finalised, and difficulties exist about the disposal of surface water.

UGHTERSIDE

The District Valuer has been asked to open negotiations for purchase of land for about twelve dwellings (about half bungalows) near Bank End.

CROSBY VILLA

The North Eastern Housing Association has been asked to investigate a site for half a dozen houses.

CAMERTON

I have to report a breakdown in negotiations to buy land for bungalows at Camerton.

WELFARE ASSISTED BUNGALOWS

The District Valuer has been asked to negotiate purchase of a site for about 20 flats, warden's quarters and communal rooms at Seaton.

COMPLETIONS DURING 1972

The following table shows the number of houses completed in the various months of the year:—

Village	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Council	—	—	—	—	—	—	—	—	—	—	—	5	5
Privately	4	—	1	—	—	31	19	—	8	4	46	9	122

Villages where houses were built during the year:

Council:	Dearham	5
Privately:	Bothel	2
	Braithwaite	1
	Bridekirk	2
	Brigham	4
	Broughton	43
	Broughton Moor	5
	Camerton	1
	Crosby Villa	1
	Dean	1
	Dearham	3
	Dovenby	2
	Newlands	1
	Pardshaw	1
	Portinscale	1
	Prospect	1
	Seaton	50
	Thornthwaite	1
	Winscales	2
		<u>122</u>

Villages where house building is in progress at the end of the year:

Council:	Dearham	26
	Little Clifton	16
	Seaton	35
Privately:	Applethwaite	2
	Bassenthwaite	2
	Blindcrake	1
	Braithwaite	3
	Branthwaite	2
	Bridekirk	1
	Brigham	27
	Broughton	14
	Broughton Cross	2
	Broughton Moor	1
	Crosby	1
	Dean	1
	Dearham	5
	Eaglesfield	4
	Embleton	1
	Gilcrux	1
	Greysouthen	3
	Lorton	1
	Mockerkin	1
	Papcastle	1
	Pardshaw	1
	Portinscale	2
	Rosthwaite	1
	Seaton	41
	Tallantire	5
	Thornthwaite	1
	Ullock	1
	Wythop	1
		<u>127</u>

HOUSES OWNED BY THE COUNCIL

Pre-war	1921	Belle Vue	8	
	1937	Braithwaite (Croft Terrace)	4	
	1926	Broughton (Coldghyll Avenue)	12	
	1927	Great Clifton (Gatehead)	36	
	1936	Great Clifton (The Gavels)	12	
	1925	Prospect (Sea View)	12	
	1922	Seaton (Derwent Avenue)	28	
	1922	Seaton (Lowca Lane)	12	
		Total	124	
			<hr/>	124
Post-war	1957-8	Broughton Moor (Heatherfields)	66	
	1963	Papcastle (Castle Gardens)	16	
	1948	Seaton (Princess Ave. and Kings Ave.)	34	
	1950	Winscales (Rescue Station Cott.)	2	
		Total	118	
			<hr/>	118
Old houses bought and improved	1951	Furnace Row, Winscales	11	
	1956	Solway Mount, Crosby	2	
		Total	13	
			<hr/>	13
Total houses owned by the Council			<hr/>	255
				255

HOUSES OWNED BY THE N.E.H.A.

Pre-war	1938	Braithwaite (Croft Terrace)	6	
	1939	Broughton (Grange Avenue)	20	
	1938	Great Clifton (The Gavels)	28	
	1940	Seaton (Barncroft Avenue)	24	
War-time (flat roof)	1943	Broughton Moor (The Avenue)	32	
	1943	Dearham (Croft Crescent)	40	
	1944	Great Clifton (Bowflatts)	70	
	1942	Seaton (Barncroft Ave. and Kennedy Road)	50	
War-time (agricul- tural)	1944	Crosby (East End)	2	
	1944	Pardshaw (The Lea)	2	
	1944	Plumbland (Morningside)	2	
		Total	276	
			<hr/>	276
Post-war	1950	Allerby (Green End)	2	
	1950	Applethwaite (Raven Lane)	4	
	1948	Bassenthwaite (The Avenue)	6	
	1961	Bassenthwaite (The Green)	5	
	1949	Bassenthwaite (Lilac Cottages)	2	
	1948	Bassenthwaite (The Orchard)	6	
	1949	Blindcrake (The Oaks)	4	

1948	Bothel (The Croft)	12
1969	Braithwaite (Beechcroft)	10
1954	Braithwaite (Longcroft)	13
1952	Bridekirk (Springwell)	2
1950-53	Brigham (The Hill)	32
1948-53	Brigham (Hill Crescent)	20
1949-53	Broughton (Ghyllbank)	96
1963-67	Broughton (Kirklea)	77
1947	Broughton Moor (Moorfields)	32
1969	Broughton Moor (School Close)	14
1948	Camerton (Greenend)	2
1955	Camerton (Kirkland)	6
1948	Camerton (Meadow Croft)	4
1970-71	Chapel Brow	13
1959-61	Crosby (Parkside)	30
1946	Crosby (Suncroft)	30
1950	Crosscanonby (The Garth)	2
1948	Deanscales (The Hill)	6
1961-72	Dearham (Browside and Greenlands Roads)	29
1965	Dearham (Chapel Fold 2-18 Main Street)	9
1964-67	Dearham (69-91 Main Street)	12
1953	Dearham (Row Brow)	6
1947-49	Dearham (Towncroft)	78
1963	Gilcrux (The Forelands)	8
1950	Gilcrux (The Garth)	2
1954	Great Clifton (Clifton Lodge)	45
1955	Great Clifton (Greengarth)	68
1960	Great Clifton (Lowther Street)	4
1964-70	Great Clifton (Riverside)	69
1950	Great Clifton (Stoneycroft)	44
1951-58	Greysouthen (Went Meadows)	20
1954	Little Clifton (The Garth)	2
1947	Little Clifton (Valley View)	32
1953	Lorton (Broomcroft)	3
1956	Oughterside (Meadow Bank)	18
1949	Oughterside (School Terrace)	4
1949	Plumbland (The Muslins)	20
1952	Rosthwaite (Middlehow)	12
1958	Seaton (Brookside)	12
1947-66	Seaton (Hunters Drive area)	274
1952	Winscales (Meadowvale)	2

Total 1199

— 1199

Total houses built and owned by the N.E.H.A. 1479

— 1479

TOTAL HOUSES BELONGING TO THE N.E.H.A.
AND THE COUNCIL

1734

IMPROVEMENT GRANTS

This year has seen a continuation of the increased interest in improvement grants which was engendered by the larger grants offered for work in Development Areas carried out between June, 1971, and June, 1974.

While there is much talk of the so-called abuses of the system the vast majority of grant aided schemes do precisely what is intended by the legislation, i.e. they encourage the conversion of non-dwellings to dwellings, they enable otherwise good houses to be provided with modern amenities, and, by complete renovation, ensure that sub-standard houses do not slip down the slope leading to decay and demolition.

As an example of the good work done over the years, it is interesting to note that 37% of the privately owned houses in Dearham have been improved with grant aid.

Year	DISCRETIONARY GRANTS		STANDARD GRANTS	
	Approved	Completed	Approved	Completed
1950	2	—		
1951	5	2		
1952	11	8		
1953	8	5		
1954	20	14		
1955	33	23		
1956	32	38		
1957	32	20		
1958	42	45		
1959	54	42	9	—
1960	44	42	18	14
1961	62	51	12	14
1962	36	45	4	10
1963	50	44	12	5
1964	65	57	18	16
1965	54	49	9	15
1966	78	60	5	6
1967	45	68	5	3
1968	78	55	9	5
1969	67	64	3	2
1970	122	55	9	6
1971	148	121	9	8
1972	245	157	13	11
Totals	1333	1065	135	115

SLUM CLEARANCE

Activity in this field has been minimal, as it is now rare to find a substandard property where, particularly after vacation by the occupants, there is not a queue of prospective purchasers willing and eager to buy and renovate.

Only two properties, one at Bullgill and one at High Seaton were represented as unfit during the year, but their future had not been determined by the end of 1972.

SANITARY CIRCUMSTANCES

WATER SUPPLY

The public water supplies of this district are under the control of the West Cumberland Water Board and I must record my appreciation of the ready co-operation of the Board's staff in supplying information and assistance when asked for. Full details of schemes and work carried out are contained in the Board's Annual Report.

REFUSE COLLECTION

Refuse is collected by three vehicles (with one as stand-by) from 7,430 premises, at a cost of £20,250, or about 5p per week per house.

PUBLIC CONVENIENCES

During 1972 the long-awaited Quayfoot Quarry convenience in Borrowdale was completed by the Lake District Planning Board. The Council's staff maintain it on an agency basis.

At the end of 1972 the following public conveniences had been provided in the district:—

Braithwaite
Grange-in-Borrowdale
Lodore
Seatoller
Crosscanonby

By the Rural Council.

Buttermere
Quayfoot, Borrowdale

By the Lake District Planning Board.

SEWERAGE

I am indebted to the Council's Engineer and Surveyor for the following information:—

The reconstruction of the Little Clifton & Bridgefoot disposal works was completed.

The reconstruction of the following works are in the design stage: Oughterside, Braithwaite, Portinscale and Papcastle, but are in abeyance pending settlement of the issues relating to farm drainage.

SUMMARY OF SANITARY

PARISH	Area in acres	Total houses	Estimate of population	Houses served by refuse collection
Above Derwent	14756	522	1533	522
Allerby, etc.	2382	194	531	194
Bassenthwaite	6915	162	491	156
Bewaldeth	2631	12	38	12
Blindbothel	4499	57	145	48
Blindcrake	6901	109	293	108
Borrowdale	16663	155	657	151
Bothel	3390	97	267	95
Bridekirk	4799	151	757	150
Brigham	1759	278	727	278
Broughton	1360	634	1428	634
Broughton Moor	1736	326	882	324
Buttermere	11231	44	242	41
Camerton	1402	70	173	70
Clifton, Great	997	502	1453	502
Clifton, Little	1080	176	382	176
Crosscanonby	2398	389	992	388
Dean	8527	280	750	274
Dearham	2149	597	1521	597
Embleton	3951	114	324	114
Gilcrux	2017	112	291	107
Greysouthen	1646	202	494	202
Lorton	5501	109	216	102
Loweswater	9411	71	187	65
Papcastle	1108	172	427	172
Plumbland	2568	150	401	150
St. Johns	19481	156	408	142
Seaton	2040	1411	3724	1411
Setmurthy	3298	46	129	40
Underskiddaw	8711	122	315	120
Winscales	2652	66	188	66
Wythop	3353	25	84	19
TOTALS	161312	7511	20450	7430

CIRCUMSTANCES OF DISTRICT

WATER SUPPLY					PARISH
Houses supplied from public mains	Estimate of population supplied by public mains	Houses connected to public sewer	Houses with private septic tanks	Houses without waterborne sanitation	
455	1360	372	144	6	Above Derwent
194	531	178	16	—	Allerby, etc.
122	327	54	104	4	Bassenthwaite
9	28	—	12	—	Bewaldeth
27	70	—	55	2	Blindbothel
107	286	85	23	1	Blindcrake
83	344	83	72	—	Borrowdale
93	258	87	9	1	Bothel
150	753	112	38	1	Bridekirk
278	727	219	59	—	Brigham
634	1428	624	10	—	Broughton
326	882	304	20	2	Broughton Moor
9	45	—	43	1	Buttermere
70	173	55	14	1	Camerton
502	1453	494	6	2	Clifton, Great
176	382	173	2	1	Clifton, Little
389	992	370	17	2	Crosscanonby
277	735	229	49	2	Dean
597	1521	557	38	2	Dearham
110	308	61	50	3	Embleton
112	291	86	26	—	Gilcrux
202	494	118	84	—	Greysouthen
83	126	80	25	4	Lorton
12	32	12	48	11	Loweswater
172	427	163	9	—	Papcastle
147	390	132	18	—	Plumbland
3	12	49	102	5	St. Johns
1403	3720	1390	19	2	Seaton
32	106	13	32	1	Setmurthy
88	222	81	40	1	Underskiddaw
61	172	29	34	3	Winscales
12	29	2	20	3	Wythop
6935	18628	6214	1236	61	TOTALS

PUBLIC SEWERAGE SCHEMES

Parish	Houses in Parish	Village Sewerage Schemes	Type of outfall	No. of houses sewered
Above Derwent	522	Braithwaite	T	187
		Portinscale	T	149
		Thornthwaite	T	36
Allerby and Oughterside	194	Allerby	T	26
		Oughterside	T	144
		Westmoorend	T	8
Bassenthwaite	162	Bassenthwaite	T	54
Bewaldeth	12	—	—	—
Blindbothel	57	—	—	—
Blindcrake	109	Blindcrake	T	56
		Redmain	T	14
		Sunderland	T	15
Borrowdale	155	Grange	T	33
		Rosthwaite	T	37
		Stonethwaite	T	13
Bothel	97	Bothel	T	74
		Threapland	T	13
Bridekirk	151	Bridekirk	T	23
		Dovenby	T	38
		Tallantire	T	51
Brigham	278	Brigham	T	184
		Broughton Cross	T	35
Broughton	634	Broughton	T	581
		R.N.A.D.	T	43
Broughton Moor	326	Broughton Moor	T	267
		Sunnyslack	T	21
		R.N.A.D.	T	16
Buttermere	44	—	—	—
Camerton	70	Camerton	T	55
Clifton, Great	502	Crossbarrow	T	8
		Great Clifton	T	486
Clifton, Little	176	Little Clifton	T	173

PUBLIC SEWERAGE SCHEMES (continued)

Parish	Houses in Parish	Village Sewerage Schemes	Type of outfall	No. of houses sewered
Crosscanonby	389	Birkby	T	14
		Bullgill	T	7
		Crosby Villa	T	59
		Crosscanonby and Crosby	T	290
Dean	280	Branthwaite	T	44
		Dean	T	36
		Deanscales	T	29
		Eaglesfield	T	72
		Pardshaw	T	21
		Ullock	T	27
Dearham	597	Dearham	T	557
Embleton	114	Embleton	T	61
Gilcrux	112	Gilcrux	T	77
		Greengill	T	9
Greysouthen	202	Greysouthen	T	118
Lorton	109	Lorton	T	80
Loweswater	71	Mockerkin	T	12
Papcastle	172	Belle Vue	T	25
		Papcastle	T	138
Plumbland	150	Ellen Villa	T	9
		Plumbland	T	112
		Wardhall	T	11
St. John's	156	Threlkeld Quarry	T	49
Seaton	1411	Seaton	SO	1390
Setmurthy	46	Dubwath	T	13
Underskiddaw	122	Millbeck)	T	81
		Applethwaite)		
		Thrushwood)		
Winscales	66	Furnace Row)	T	29
		Winscales Ave.)		
Wythop	25	Wythop Mill (part of Embleton scheme)	T	2

NOTE: "T"—Outfall to Treatment Works. "SO"—Outfall untreated to sea.

FOOD

MEAT

Three slaughterhouses continue in operation in the district and all animals killed are inspected.

It is known that the Veterinary profession is critical of meat inspection not being carried out at the actual time of slaughter, and it is conceded that there is some foundation for criticism. It must, however, be apparent that where there are three slaughterhouses, each separated by perhaps fifteen minutes' travelling time and only two inspectors an impossible situation arises. This is complicated by the fact that while one slaughterman is occupied with slaughtering during two full days, one for one whole day and two for half a day, the time wasted while watching other people working would be ridiculous.

ICE CREAM

With the exception of vendors using mobile vans and coming into the district from adjoining areas, all ice cream is sold pre-packed from shops. No problems have arisen during the year.

OTHER FOODS

10 tins of ham (10lb. each)	
94 packs of ice-cream	} due to refrigerator breakdown.
40 ice-lollies	
50 packs frozen vegetables	
139 packs of frozen fish or meat products	

BAKEHOUSES

The number of bakehouses in the district remains unaltered, and there has been no occasion on which a bakery occupier has required to be admonished. The bakery at Gt. Clifton has not been in use for a considerable time owing to the indisposition of the owner-occupier.

SUMMARY OF SLAUGHTERING AND MEAT INSPECTION FOR THE YEAR 1972

	Bullocks and Heifers	Cows	Calves	Sheep	Pigs
Number killed	347	2	—	1300	255
Number inspected	347	2	—	1300	255
A. All diseases except tuberculosis and cysticercosis:					
(1) Whole carcase condemned	—	—	—	2	—
(2) Carcases of which some part or organ was condemned	16	—	—	—	4
(3) % affected with diseases other than tuberculosis and cysticercosis	4.6%	—	—	.23%	1.6%
B. Tuberculosis only:					
(1) Whole carcase condemned	—	—	—	—	—
(2) Carcases of which some part or organ was condemned	—	—	—	—	1
(3) % affected with tuberculosis	—	—	—	—	0.4%
C. Cysticercosis:					
(1) Carcases of which some part or organ was condemned	1	—	—	1	—
(2) Carcases submitted to treatment by refrigeration	—	—	—	—	—
(3) Generalised and totally condemned	—	—	—	—	—

The causes of condemnation were as follows:

BULLOCKS & HEIFERS

3 livers—abscesses
11 livers—distomatosis
1 hindquarters—decomposition
1 hind leg—bruised, ill-set,
casualty
1 head and heart — cysticercis
bovis

SHEEP

1 carcase—emaciated and
oedematous
1 carcase—ill-set, casualty
1 leg—ill-set, bruised, casualty
1 diaphragm—degenerated
cysticercis ovis

PIGS

1 hindquarters—abscesses
2 hearts, lungs and livers—
pneumonia and pleurisy
1 liver—distomatosis
1 head and tongue—
tuberculosis

MILK

Milk sampling, carried out exclusively by Mr. Walton, has continued as a matter of routine from retail distributors, with the following results:—

159 samples were taken, of which 16 failed the methylene blue test (for cleanliness) and 6 failed the milk ring test (for brucellosis). These latter were from three farms and resulted in three heat-treatment orders being served.

8 samples of milk (from two pasteurisers) failed the phosphatase test; all the rest were satisfactory.

SHOPS & CATERING ESTABLISHMENTS

Food Hygiene Regulations, 1960

Inspection of shops during the year has not occupied a great deal of time, and no significant faults have been found.

I wish that more attention could be given to the many catering establishments, and hope that future arrangements will facilitate this.

Offices, Shops & Railway Premises Act, 1963

No accidents have been reported during the year under this legislation.

OTHER ACTIVITIES

BURIAL OF THE DEAD

On only one occasion has the Council been called to make funeral arrangements for a person deceased, where money was not otherwise available for this final act.

CONTROL OF PESTS

The up-and-coming pest of the decade has continued to be the ant. This year is no exception. Although we have been armed with a rather greater variety of "exterminants", ant colonies have proved most tenacious, and many of our clients in this field have had to accept treatment which falls short of complete extermination of their insect lodgers.

Reports of rat sightings and infestations have continued at a fairly low level in most areas.

GYPSIES

The district and inhabitants have been fortunate in that no gypsies or "travellers" are known to have visited the area.

CAMPING

Licensed sites in Borrowdale and at Braithwaite have been well patronised, but there are still those who for one reason or another avoid such sites as they would the plague.

Unfortunately, one must number among the latter the ever-present band of irresponsibles who care not for authority, hygiene, appearance or indeed for the scenery. Their motives for deciding to holiday in the Lake District are obscure, but they make their presence felt in anti-social behaviour. One proprietor of a licensed camping site in Borrowdale has opted out of the scheme for those very reasons.

FACTORIES

A total of 59 factories are entered in the Factories Register. All are equipped with power-driven machinery.

The following are the trade processes carried out: Joinery & Sawmilling 19, Motor Vehicle Repair 9, Blacksmithing 1, Baking 2, Heavy Engineering 1, Laundry 1, Welding 1, Slaughtering 3, Meat Products 6, Water Treatment 1, Building Sites 9, Shoe Factory 1, Textiles 3, Fibres 1, Plastics 1, Confections 1, Dart Manufacturers 1, Electronics 1.

The following table shows the position under the Factories Act, 1961, in this district at the end of 1972:—

	No. on register	Inspec- tions	Written notices	Defects found	Defects remedied
(i) Factories in which Secs. 1, 2, 3, 4 & 6 are to be enforced by the authority	—	—	—	—	—
(ii) Factories not included in (i) in which Sect. 7 is enforced by the local authority	56	3	—	—	—
(iii) Other premises in which Sect. 7 is enforced by the local authority	14	9	—	—	—
TOTALS	70	12	—	—	—

(Note: Section 1 refers to cleanliness, 2 to overcrowding, 3 to temperature, 4 to ventilation, 6 to drainage of floors, 7 to sanitary conveniences).

OUTWORK

(Sections 110 and 111)

Nature of work	Section 110	Section 111				
	No. of out-workers in August list required by Section 110(1) (c)	No. of cases of default in sending lists to the Council	No. of instances of work in unwhole-some premises	No. of instances of work in unwhole-some premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Glove-making	1	—	—	—	—	—

CARAVANS

While there have been a small number of complaints from visitors relating to conditions found on caravan sites they have on investigation proved to be entirely of the "niggling" variety.

Pressures on the building trade have been such that site operators have found great difficulty in getting prompt attention given to small maintenance jobs on their toilet blocks, and this has been the most common subject of complaint.

The ever-increasing numbers of caravans arriving in the eastern area of the district during the holiday period continues to be something of an embarrassment and perhaps none are more affected than licensed caravan site owners who are besieged with requests for pitches that are in fact not available.

